International application No.

		101/012	004/01/002				
A. CLASSIFIC Int.Cl	CATION OF SUBJECT MATTER C07D333/16						
According to International Patent Classification (IPC) or to both national classification and IPC							
B. FIELDS SE							
Minimum documentation searched (classification system followed by classification symbols)  Int.Cl <sup>7</sup> C07D333/00-333/56							
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched							
	ease consulted during the international search (name of a (STN), REGISTRY (STN), WPI (DIALC		mis used)				
C. DOCUMEN	ITS CONSIDERED TO BE RELEVANT						
Category*	Citation of document, with indication, where ap	· . ·	Relevant to claim No.				
X A	JANSSEN, C.G.M. et al., The s (4-methyl-3-pentenyl) thiophe Chim. Pays-Bas, 1979, 98(7-8)	2,4 1,3,5-9					
A	IKENOUE, Y. et al., ELECTROCH SELF-DOPED CONDUCTING POLEMER OF THE 'CATION-POPPING' DOPIN Synth.Met., 1989, 30, pages 3	1-9					
A	Baeuerle, P., End-Capped Olig Model Compounds for Polythiop 1992, 4(2), pages 102 to 107		1-9				
Further documents are listed in the continuation of Box C. See patent family annex.							
"A" document de	gories of cited documents: efining the general state of the art which is not considered icular relevance	"T" later document published after the inter date and not in conflict with the applical the principle or theory underlying the in	tion but cited to understand				
"E" earlier applic	cation or patent but published on or after the international	"X" document of particular relevance; the cl considered novel or cannot be considered.					
cited to esta	hich may throw doubts on priority claim(s) or which is blish the publication date of another citation or other	step when the document is taken alone "Y" document of particular relevance; the cl	aimed invention cannot be				
"O" document re	on (as specified) ferring to an oral disclosure, use, exhibition or other means	considered to involve an inventive si	focuments, such combination				
"P" document pu priority date	iblished prior to the international filing date but later than the claimed	being obvious to a person skilled in the "&" document member of the same patent fa					
11 Janu	l completion of the international search pary, 2005 (11.01.05)	Date of mailing of the international search 25 January, 2005 (2					
	g address of the ISA/ Se Patent Office	Authorized officer					
Facsimile No.		Telephone No.					

International application No.
PCT/JP2004/017063

<u> </u>	). DOCUMENTS CONSIDERED TO BE RELEVANT  Citation of document, with indication, where appropriate of the relevant accounts.	Polovort to alaim No		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Α .	NEENAN, T.X., WHITESIDES, G.M., Synthesis of High Carbon Matertials from Acetylenic Precursors. Preparation of Aromatic Monomers Bearing Multiple Ethynyl Groups. J. Org. Chem., 1988, 53, pages 2489 to 2496	1-9		

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Box No. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
1. Claims N	search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:  Nos.:  they relate to subject matter not required to be searched by this Authority, namely:
2. Claims N because the extent the	los.: hey relate to parts of the international application that do not comply with the prescribed requirements to such an at no meaningful international search can be carried out, specifically:
3. Claims N because to	los.: they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No. III C	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
The inven [1], a pro while the i of the com to these i JANSSEN, C and hence Consequent other so a (continued  1. As all requestaims.  2. X As all sear any addition  3. As only so	Searching Authority found multiple inventions in this international application, as follows: tion group of claims 1-6, 8 and 9 relates to a compound of the formula occess for producing the same and an intermediate of the compound convention of claim 7 relates to a process for producing an intermediate upond [1]. Although it appears that the technical feature common is an intermediate per se, the intermediate is publicly known (see .G.M., et al., Rucl. Trav. Chim. Pays-Bas, 1979, 98 (7-8), pp. 448-451) or this aspect cannot constitute special technical features. The cly, these inventions cannot be stated as being linked with each as to form a single general inventive concept. If to extra sheet) uired additional search fees were timely paid by the applicant, this international search report covers all searchable or the claims could be searched without effort justifying an additional fee, this Authority did not invite payment of conal fee.  The provided additional search fees were timely paid by the applicant, this international search report covers are claims for which fees were paid, specifically claims Nos.:
4. No require restricted t	ed additional search fees were timely paid by the applicant. Consequently, this international search report is to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest	The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

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Continuation	of	Box	No.III	of	continuation	of	first	sheet(2)

Therefore, it appears that this application involves two inventions which do not satisfy the requirement of unity of invention.

Form PCT/ISA/210 (extra sheet) (January 2004)